Document Number: RUDRS-OM-BACK

Revision: -

Date: 15 November 1996

OPERATOR'S MANUAL

FOR THE

RUDRS CSCI
(BACK END)

Contract NO. N00039-96-C-0029

CDRL Sequence NO. A030

SPONSOR:

Ms. Anita Washington

Space and Naval Warfare Systems Command

2451 Crystal Drive CPK 5

Arlington, VA 22245-5200

PREPARED BY:

PRC Inc.

1500 PRC Drive

Mclean, VA 22102

Table of Contents

LIST OF FIGURES

1.0 SCOPE

1.1 IDENTIFICATION

This Operator's Manual (OM) identifies and describes the requirements for the Navy Reserve Unit Data Resource System (RUDRS) Computer Software Configuration Item (CSCI) into the Global Command and Control System (GCCS) environment. RUDRS had been previously submitted in the Worldwide Military Command and Control System (WWMCCS) environment; it was originally hosted on the U.S. Atlantic Fleet (CINCLANTFLT) host, subsequently moved to the Chief of Naval Operations (CNO) host, and then rehosted at CICNLANTFLT as a result of the CNO-CINCLANTFLT WWMCCS host consolidation.

1.2 SYSTEM OVERVIEW

The overall purpose of the interface between JMCIS and COMNA VRESFOR is to establish the capability to rapidly and automatically pass Naval Reserve Data to JMCIS. This information supports the Joint Deployment System (JDS) in the planning and execution of its missions.

RUDRS provides for, and maintains, a database of Naval Reserve Force (NFL) data accessible to Fleet Commanders in Chief (FLTCINCS) via GCCS for use in both deliberate and execution planning. The NRFL Database Interface permits the introduction of data from the Reserve Training Support System (RTSS). This data is transferred via floppy disk to a remote GCCS workstation. The COMNAVRESFOR user then accesses Joint Operations Planning and Execution System (JOPES) Scheduling and Movement databases, also in GCCS, to conduct data validation checks of Geological Locations (GEOLOCs), and Unit Type Codes (UTCs). The validated NRFL is then made available for FLTCINC use.

The CINC-NRFL Database Interface is used by the FLYCINCs. This includes Commander-in-Chief, U.S. Atlantic Fleet, (CINCLANTFLT), Commander-in Chief, U.S. Pacific Fleet, (CINCPACFLT), and Commander-in-Chief, U.S. Naval Forces Europe (CINCUSNAVEUR). It can also be used at the Chief of Naval Operations (CNO) sit.

The NRFL-CINC Database Interface allows the user to:

- Create and Update the CINC-NRFL Databases (System Menu)
- Browse and Query the CINC-NRFL Database, Create and Update TPFDDs (Database Menu)
- Update Audit Log and Database Information for the CINC-NRFL Database (Utilities Menu)

The CINC-NRFL Database System also allows the call of the RTSS/Time Phased Force Deployment Data (RTSS/TPFDD) function, which enables operational planners to use current Naval Reserve Force Data to source Operations Plans (OPLANS).

1.3 DOCUMENT OVERVIEW

This document contains instructions for the execution of the NRFL TPFDD Interface (BACK END, CINC-NRFL DATABASE) RUDRS system segments. Section 1 of this manual provides an overview of this document. Section 2 provides a list of documents referenced in this manual. Section 3 accounts for the bulk of this document, which contains instructions for RUDRS graphical user interface. Section 4 includes a list of possible system error messages. Section 5 contains descriptions of RUDRS configuration parameters. Section 6 contains a glossary and acronyms. Many of the terms identified within this document are standard JOPES terms and can be found in JOPES documentation. For quick reference, see the Armed Forces Staff College (AFSC) Publication 1- The Joint Staff Officer's Guide.

2.0 REFERENCED DOCUMENTS

Armed Forces Staff College (AFSC) Pub. 1. The Joint Staff officer's Guide.

3.0 Using RUDRS

The RUDRS graphical user interface consists of two windows -the Main window and the Status window- displayed together as illustrated in the figure below. Accessing RUDRS functions from the Main window by selecting pull-down *menus* and their associated *functions*. Throughout a RUDRS session, the Status window provides continuous general information about the mode, position, and condition of the controlling software responsible for running RUDRS, and is not designed to accept input from the user.

3.0.1 GETTING STARTED

The RUDRS software system is loaded and defined through a UNIX environment. The menus and functions within RUDRS are accessed by pointing and clicking. RUDRS consists of three pull-down menus which have functions defined as the Naval Reserve Force Library (NRFL) Database Interface (FRONT END) and the CINC-NRFL Database Interface (BACK END), which operate as two separate software systems. This System Users Manual (SUM) will define those functions designated as BACK END. The RUDRS BACK END Interface is accessed by selecting NRFL/TPFDD Interface under the System Menu. To Return to the NRFL Interface, simply select Switch Back under the System Menu

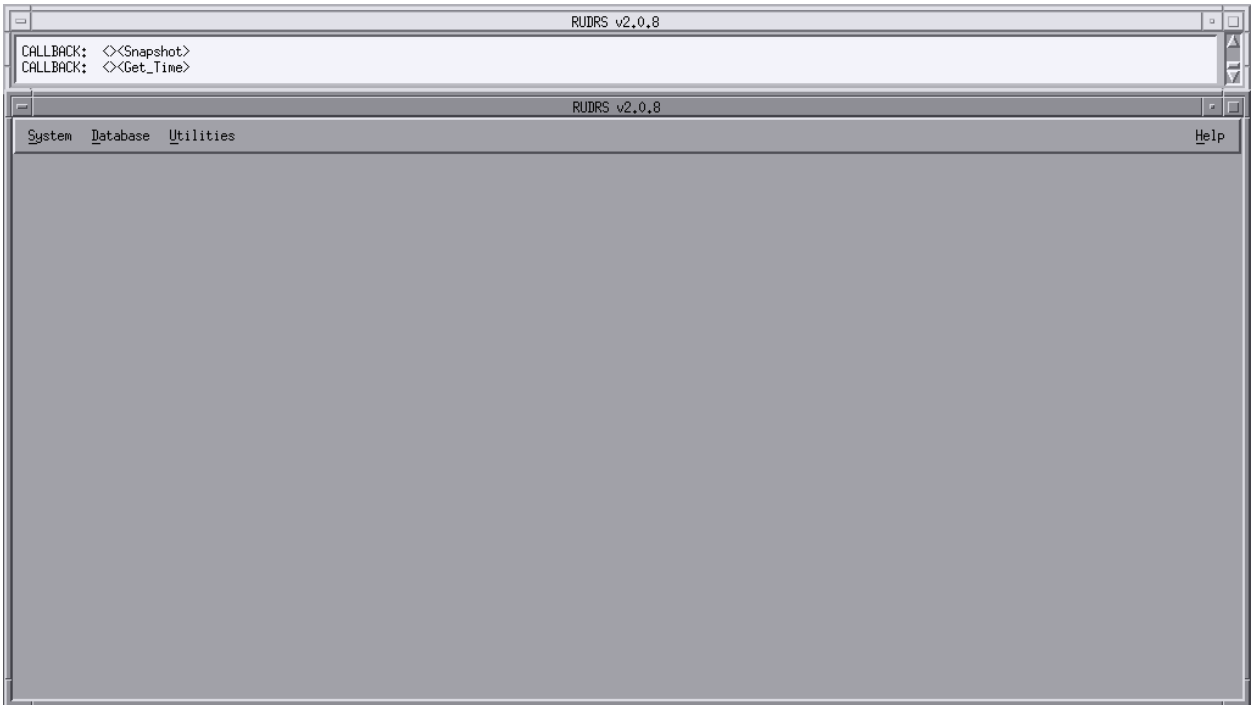

Figure 3.0: RUDRS Graphical User Interface

3.0.2 APPLICATION MENU STRUCTURE

1) SYSTEM

- **Load GEO/TUCHA:** Retrieve current GEO and TUCHA data load it into RUDRS
- **Create/Update CINC-NRFL Database:** Retrieve NRFL data from RUDRS Front End and load it into CINC-NRFL database.
- **Switch Back:** Transfer control from CINC-NRFL Interface (Back End) to NRFL Interface (Front End)

2) DATABASE

- **CINC-NRFL Query:** Allows you to indicate that CINC-NRFL reports will be sorted on certain fields and for which Gaining Command.
- **Browse CINC-NRFL Database:** Display CINC-NRFL records sorted by AUIC/RUIC
- **Create TPFDD:** Create a TPFDD with selected CINC-NRFL data
- **Update TPFDD:** Update an existing TPFDD with selected CINC-NRFL data

3) UTILITIES

- **Review CINC-NRFL Audit Log:** Display a history of RUDRS transactions
- **Change Password:** Self-explanatory
- **CINC-NRFL Database Maintenance:** Display database statistics (sizes, errors, deleted)
- **Update Destination File:** Define points of debarkation and embarkation for a given geographic location.

4) **Help**

The purpose of General Help is to offer information for accessing the various Help screens.

3.0.3 OPERATORS MANUAL CONVENTIONS

The conventions used in writing the operators manual are explained in the following. The page format for each function is divided into five paragraphs and includes:

- A paragraph number and title, followed by a description of the function
- A graphical notation of the path followed to obtain the screen
  Menu selection → Sub-Menu selection → screen → BUTTON → sub-screen
- An illustration of the screen as it appears in the RUDRS application
- A list of data fields which describes all of the required or optional parameters for the function, explaining both the display (non-edit fields) and data entry fields on the screen.
- A list of buttons and their functions

Buttons common to many interface screens are described below.

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Next: Steps forward through the items found that you want to have displayed

Reset: Clears all selection without leaving the current screen.

Previous: Steps backward through the items found that you want to have displayed.

OK: Proceeds with executing the indicated control settings

Undo: Returns a screen to its state before the last operation was performed.

Print: Allows you to direct the output to either a printer or a file on-line.

3.0.4 HELP

The purpose of General Help is to offer information for accessing the various Help screens.

- To access Help, press F1 while using the application or choose the Help button in a dialog box.
- Manipulate the scroll bar to view information not visible in the Help window.
- You can move, resize, maximize, or minimize the Help window just like any other window.
- To exit Help, choose the OK button.

The topic that is displayed depends on which Help command you chose, what was selected when you pressed F1, or which dialog box you were using when you chose the Help button.

3.0.5 PRINT

This screen allows you to direct the output to either a printer or a file on-line. The actual output will depend on the screen from which the Print button was selected; however, all of the print screens look and operate exactly the same. Below is the RUDRS Print Screen:

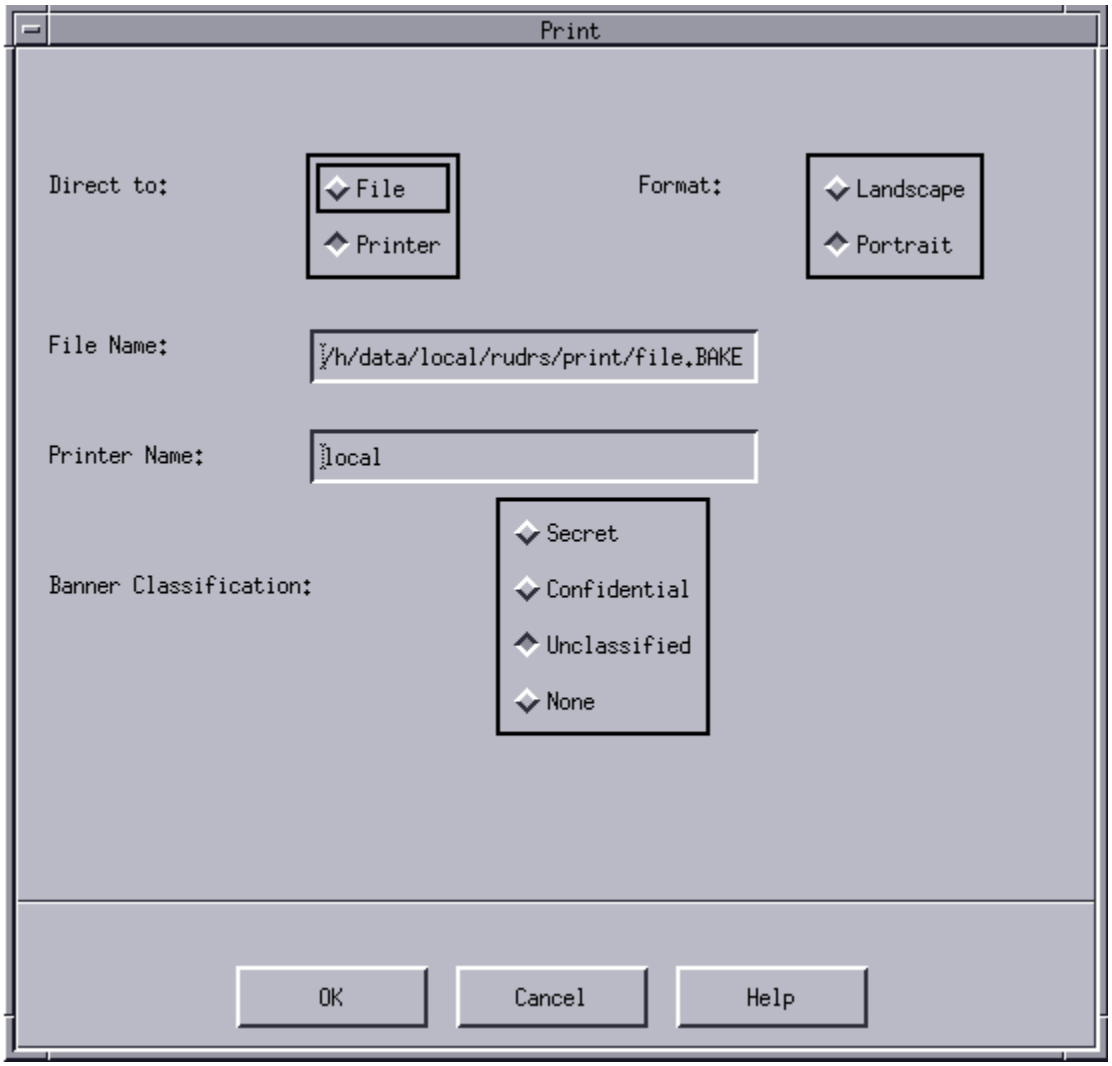

Figure 3-1: Print Screen

Data Field and Button descriptions

File Name: Enter the file name for the output to be directed to, or by default it will have the name defined in the config file under PRINT FILE NAME.

Printer name: Enter a logical printer name that the print job is to be directed to, or by default it will have the name defined in the config file under DEFAULT PRINTER.

Direct to Options: The default value if defined in the config file under DEFAULT DESTINATION.

◆**File** Writes the output to a file.

◆**Printer** Sends the output to a printer.

Banner Classification Options: The default value is defined in the config file under SECURITY CLASSIFICATION.

◆**Secret** Writes SECRET on the banner page of the printed output.

◆**Confidential** Writes CONFIDENTIAL on the banner page of the printed output.

◆**Unclassified** Writes UNCLASSIFIED on the banner page of the printed output.

◆**None** Writes NONE on the banner page of the printed output

Format Options: The default value is defined in the config file under DEFAULT ORIENTATION.

◆**Landscape** Prints the output lengthwise on the page.

◆**Portrait** Prints the output widthwise on the page.

3.1 SYSTEM MENU

3.1.1 Load GEO/TUCHA

To access this screen:
System → Load GEO/TUCHA Files → Confirm

The GEO and TUCHA Codes are retrieved from a database on the JOPES network and stored locally in hash tables. This function causes new hash tables to be loaded from the database. This function may be monitored in the status window of the Main Menu. The status window will allow you to view the progress of loading these files. The loaded files may be viewed in the database Index and Detail screens.

3.1.2 Create/Update CINC-NRFL Database

To access this screen:
System → Create/Update CINC-NRFL → Create Update CINC-NRFL screen

Figure 3-2: Create/Update CINC-NRFL screen

The source of the data input to the CINC-NRFL Database is the data that currently populates the NRFL Database. The Create/Update CINC-NRFL Database screen allows the user to transfer from NRFL Database to CINC-NRFL Database only those records/units associated with the selected Gaining Command.

If a new record is already in the NRFL Database, the old record will be overwritten with the new one; otherwise the new record will be added. All old records that are left will be deleted.

Each alteration to the database denotes transaction which is stored for later review by selecting "Review CINC-NRFL Audit Log" from the Utilities Menu.

Selection of the GCC code will restrict the content of the CINC-NRFL Database to all those records which are of the same command. No GCC selection will exclude a record from the CINC-NRFL Database

Data Field and Button Descriptions

Gaining Command Code(s): Point and click upon one or more of the selections listed:

❑EUR	❑LANT	❑PAC	❑CONUS	❑USMC

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

OK: Proceeds with Create/Update of the CINC-NRFL Database.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2 DATABASE MENU

3.2.1 Browse CINC-NRFL Database

To access this screen
Database ➞ CINC-NRFL ➞ CINC-NRFL Index

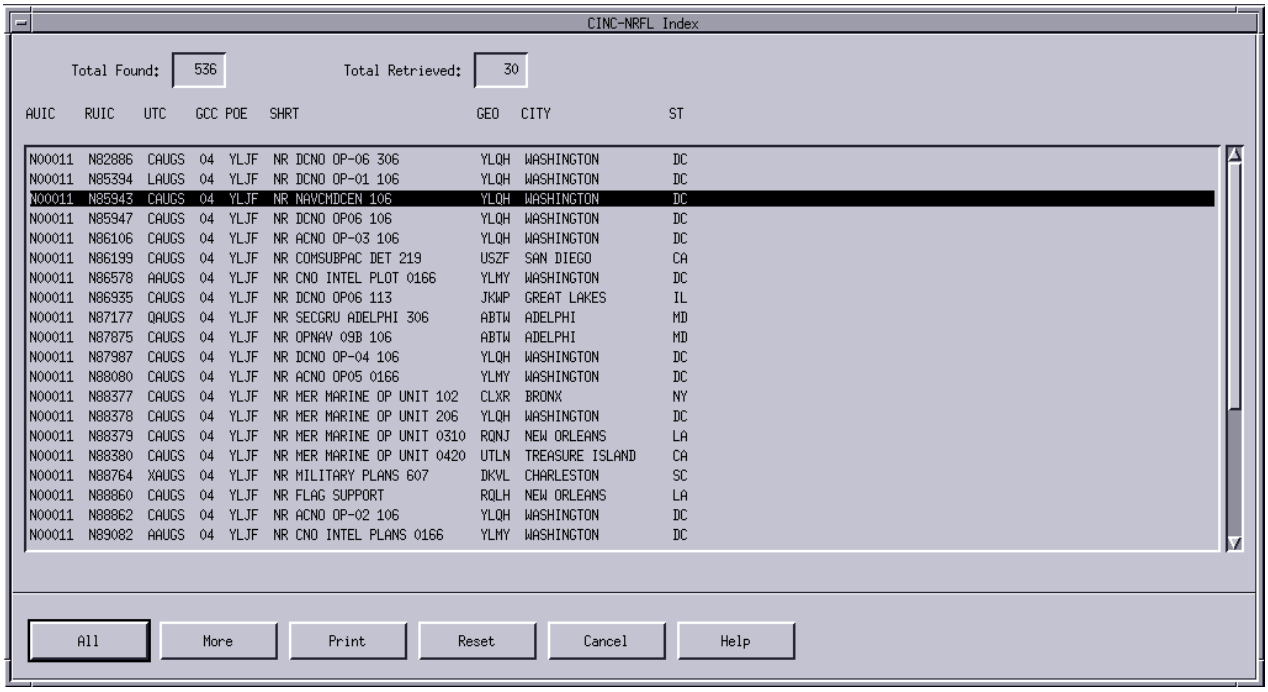

Figure 3-3: CINC-NRFL Index screen

The CINC-NRFL Index screen displays CINC-NRFL Database records. The retrieved CINC-NRFL Database records have been sorted on the fields according to the selections indicated on the CINC-NRFL Query screen. The records will be sorted by AUIC by default, if no sort order had been selected.

Data Field and Button Descriptions

The NRFL Index screen Data Fields do not permit any editing. The Data Fields only report information, which can be edited in the NRFL Detail screen.

Total Found: The total number of records found

Total Retrieved The total number of records retrieved,

AUIC: Active unit identification Code

RUIC: Reserve Unit Identification Code

UTC: Unit Type Code

GCC: Gaining Command Code:
- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet

- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

POE: Port of Embarkation.

SELRES UNIT: Selected Reserve Unit

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

CITY: Origin City of unit in CINC-NRFL

ST: State

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: Prints selected records in report format.

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.2 Query CINC-NRFL Database

To access the CINC-NRFL Query screen:
Database menu ➞ CINC-NRFL ➞ CINC-NRFL Query

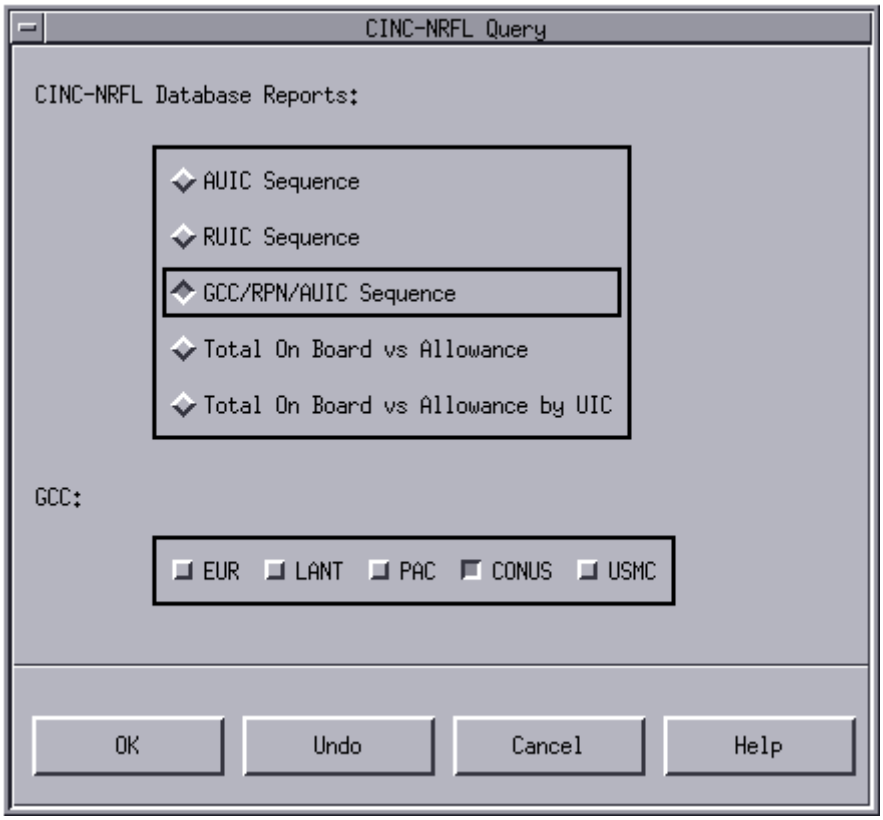

Figure 3-4: CINC-NRFL Query screen

Reports are retrieved from the CINC-NRFL Database by the GCC only. Choose a CINC-NRFL Database Report and GCC. Click OK and the CINC-NRFL Index Screen will be displayed. Fields will be sorted according to the selection indicated (AUIC, RUIC, GCC/RPN/AUIC, etc.).

Data field and Button descriptions

AUIC: Active Unit Identification Code

RUIC: Reserve Unit Identification Code

3 The AUIC and RUIC codes may be the same.

Total on Board vs. Allowance: Computes total personnel assigned versus allowed.

Total on Board vs. Allowance by UIC: Computes total personnel assigned versus allowed, and sorts by UIC.

Gaining Command Code(s): Point and click upon one or more of the selections listed:

❑EUR	❑LANT	❑PAC	❑CONUS	❑USMC

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

OK: Proceeds with executing the indicated control settings

Undo: Returns a screen to its state before the last operation was performed.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.2.1 CINC-NRFL Index screen

To access this screen

Database → CINC-NRFL → CINC-NRFL Query →OK → CINC-NRFL Index screen

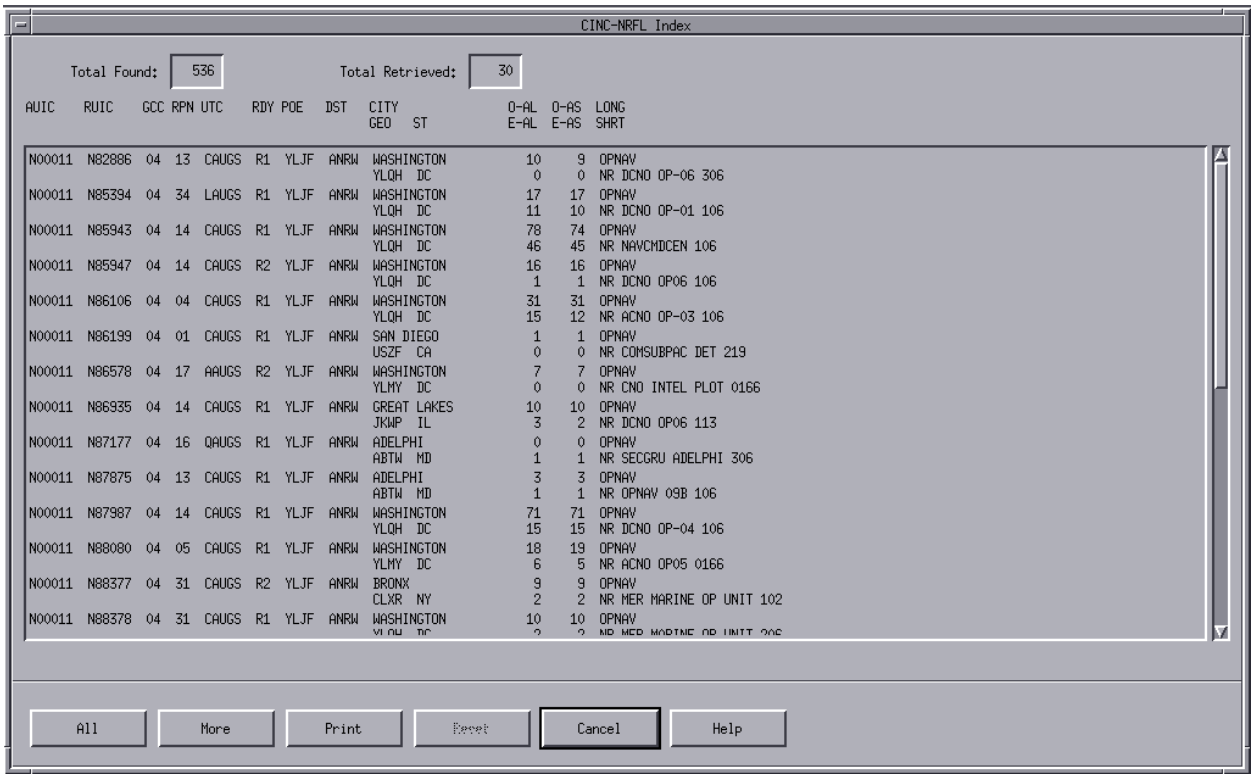

Figure 3-5: CINC-NRFL Index screen

The CINC-NRFL Index screen displays CINC-NRFL Database records. The retrieved CINC-NRFL Database records have been sorted on the fields according to the selections indicated on the CINC-NRFL Query screen. The records will be sorted by AUIC by default, if no sort order had been selected.

Data Field and Button Descriptions

The NRFL Index screen Data Fields do not permit any editing. The Data Fields only report information, which can be edited in the NRFL Detail screen.

Total Found: The total number of records found

Total Retrieved The total number of records retrieved,

AUIC: Active unit identification Code

RUIC: Reserve Unit Identification Code

UTC: Unit Type Code

GCC: Gaining Command Code:

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

POE: Port of Embarkation.

SELRES UNIT: Selected Reserve Unit

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

CITY: Origin City of unit in CINC-NRFL

ST: State

All: Displays all matching criteria . If the total retrieved is very large , you may choose to press the MORE repeatedly, since there could be a delay waiting for all matching items to be retrieved before any are displayed in the list box.

More: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the MORE button for N more items.

Print: Prints selected records in report format.

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.3 Create TPFDD

To access this screen
Database ➞ Create TPFDD ➞ Create TPFDD

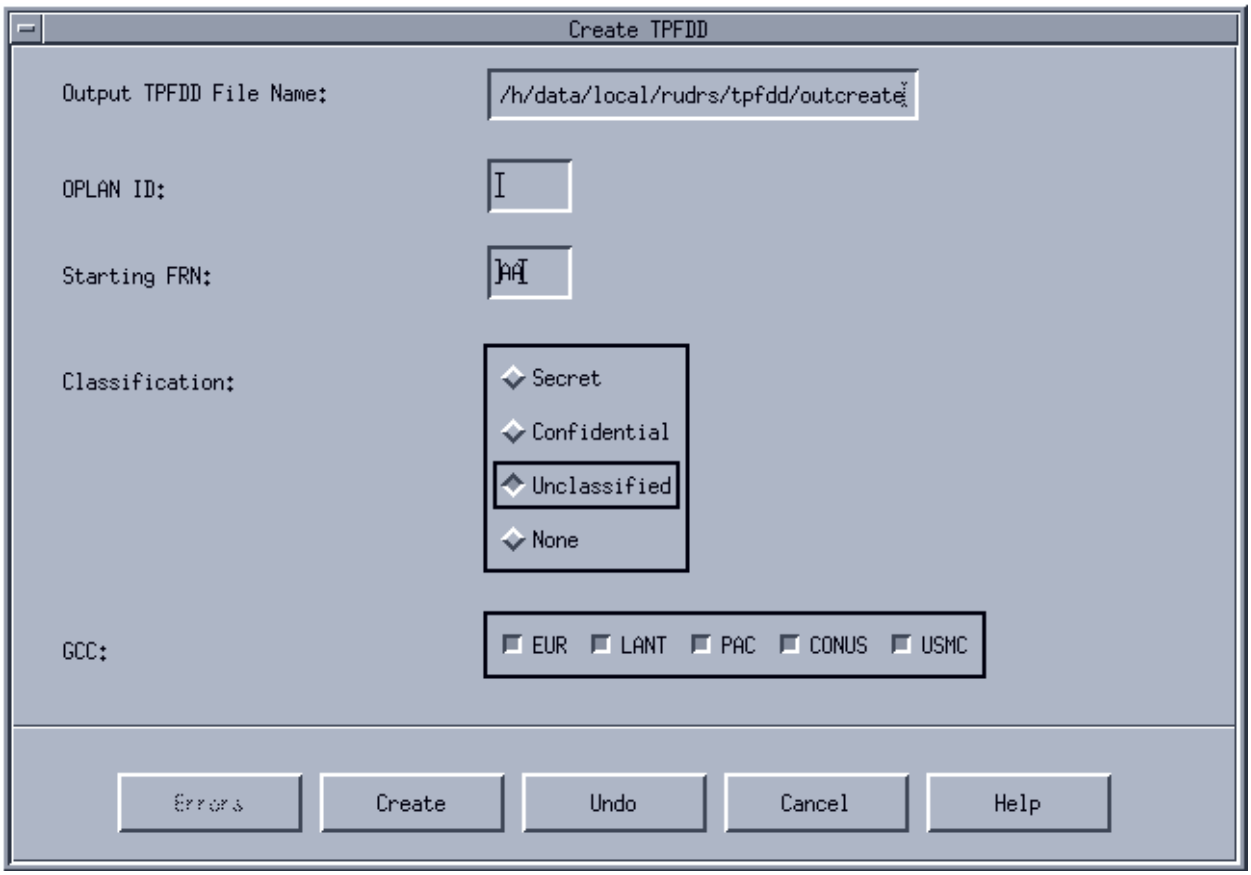

Figure 3-6: Create TPFDD screen

The CINC-NRFL Database is sorted by UTC, AUIC, and RUIC. Only records with the selected Gaining Command Code are made available for sorting. The destination file is edited, sorted and converted to indexed sequential format. For invalid UTC's R99BB is entered in the TPFDD. If Geolocation Codes are missing in the NRFL Database "XPRF" is used. Unit Name from NRFL Databases entered in the TPFDD Unit Name. RUIC from the NRFL Database is entered in the TPFDD UIC. Number of personnel from the NRFL Database is entered in the TPFDD authorization personnel and PAX. Gaining Command Code from the NRFL Database is entered in the TPFDD critical employment indictor. For units with AUIC=RUIC and with ORIGIN=POD, a Z is entered in mode to destination to indicate a unit in place at destination.

Data Field and Button Descriptions

Output TPFDD File Name: The output file name of the created TPFDD.

OPLAN ID: Operations Plan ID.

Starting FRN: Starting Force Requirement Number.

Classification: Classification of the TPFDD to be created. Defaults to SECRET

- **Secret** Writes SECRET on the banner page of the printed output.
- **Confidential** Writes CONFIDENTIAL on the banner page of the printed output.
- **Unclassified** Writes UNCLASSIFIED on the banner page of the printed output.
- **None** Writes NONE on the banner page of the printed output.

Gaining Command Code(s): Point and click upon one or more of the selections listed:

❑EUR	❑LANT	❑PAC	❑CONUS	❑USMC

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

Errors: Displays the errors report, which contains entries for invalid GEOLOCs and invalid UTCs. For invalid UTCs, R99BB is entered in the TPFDD.

Create: Create TPFDD

Undo: Returns a screen to its state before the last operation was performed.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.3.1 Errors Report

To access this screen

Database → Create TPFDD → Create TPFDD → ERRORS → TPFDD Report

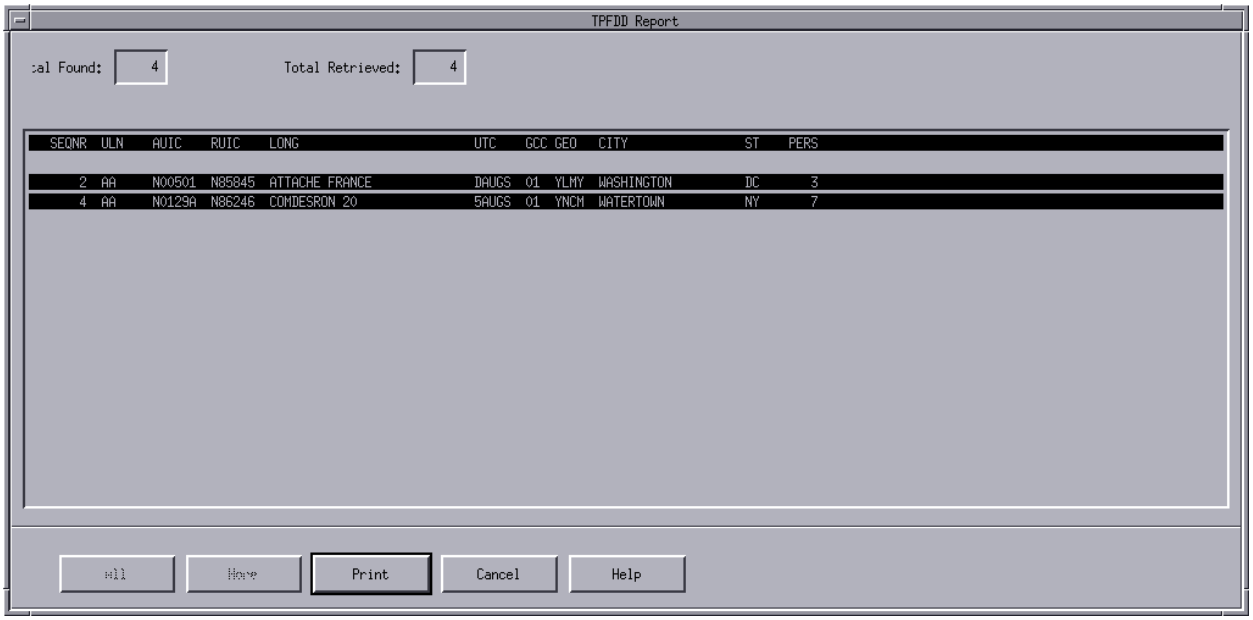

Figure 3-7: TPFDD Report screen:

A listing of invalid GEOLOCs and UTCs appears on the Error report. Invalid GEOLOCs, and invalid UTCs also appear on the error report.

Data Field and Button descriptions

Total Found: Number of Invalid GEOLOCs and Invalid UTCs satisfying search criteria.

Total Retrieved: Number of Invalid GEOLOCs and Invalid UTCs retrieved and displayed by this Error Report display screen.

SEQNR: Number of items in the TPFDD.

ULN: Unit Line Numbers.

AUIC: Active Unit Identification Code.

RUIC: Reserve Unit Identification Code.

AUIC LONG: Active Unit Identification Code (Long form)

UTC: Unit Type Code from CINC-NRFL tape

GCC (s): Gaining Command Code(s)

- **EUR:** U.S. Naval Forces Europe

- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

GEO: The Geographic Location Code.

CITY:

ST: State

PERS: Sum of RTSS enlisted and officer personnel assigned to reserve unit.

More: Displays all items matching the selection criteria. If the total retrieved is very large, you may choose to press More repeatedly since there could be a delay in waiting for all matching items to be retrieved before any are displayed in the list box.

All: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. Press the More button for N more items.

Print: Prints selected records in report format.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.4 Update TPFDD

To access this screen

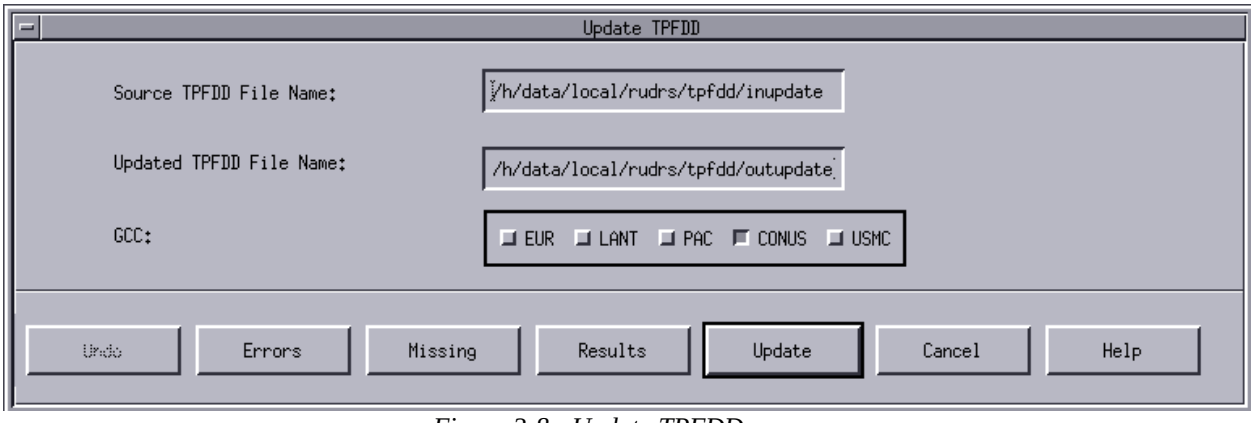

Figure 3-8: Update TPFDD screen

TPFDD Input Record is checked to determine if it is a Naval Reserve requirement. If not the record is written to the Output TPFDD file without change. If the record is Naval Reserve, the AUIC and RUIC are checked against the CINC-NRFL Database. If found, the CINC-NRFL information for the AUIC/RUIC is accessed and the TPFDD is updated with CINC-NRFL ORIGIN, AUTH PERS and PAX with CINC-NRFL personnel, unit name with NRFL unit name, and critical employment indicator with NRFL GCC.

Data Field and Button Descriptions

Source TPFDD File Name: The source file name of the TPFDD

Updated TPFDD File Name: The output file name generated when performing the Update TPFDD processing.

GCC (s): Gaining Command Code(s)
- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

Undo: Returns a screen to its state before the last operation was performed.

Errors: Displays Update TPFDD Errors report
- If TPFDD UTC does not equal NRFL UTC, both UTCs appear on the error report, noting the difference, and the TPFDD UTC is retained. If the record is not found in the NRFL Database, an error appears of the errors report indicating that the TPFDD unit is not in the NRFL Database.

Missing: Displays Update TPFDD Missing report
- A file of AUIC/RUIC combinations in the TPFDD is then processed against the NRFL Database, and if a unit with the user's selected Gaining Command Code is not currently in the TPFDD, the NRFL record appears on the errors report showing NRFL units not currently in the TPFDD.

Results: Displays Update TPFDD Results report
- A report of TPFDD records which were updated appears in the Results report. If personnel in the NRFL Database does not equal TUCHA personnel, the TPFDD Force Indicator Code (FIC) is changed as appropriate, and a report of updated TPFDD records appears in the report.

Update: Performs the Update TPFDD processing.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.4.1 Missing Report

To access this screen

Database ➞ Update TPFDD ➞ Update TPFDD ➞ MISSING ➞ TPFDD Report

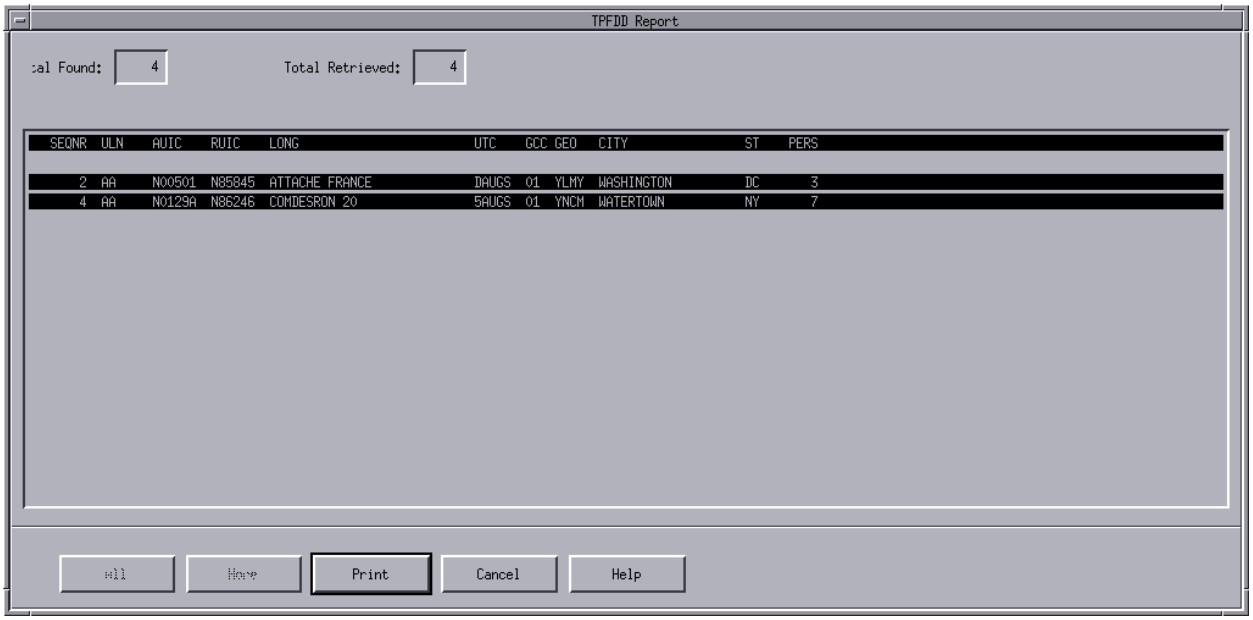

Figure 3-9: TPFDD Report

The TPFDD records containing the AUIC/RUIC of missing units appear in the Missing units Report. Here, "missing" means that there are entries in the CINC-NRFL Database that are not in the source TPFDD file.

Data Field and Button Descriptions

Total Found: The total number of records found

Total Retrieved The total number of records retrieved,

AUIC: Active unit identification Code

RUIC: Reserve Unit Identification Code

AUIC-LONG: Active Unit Identification Code (long form)

UTC: Unit Type Code

GCC: Gaining Command Code:

- **EUR:** U.S. Naval Forces Europe
- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

ORIG-CITY: Origin City of unit in CINC-NRFL

ST: State

RPN: Reserve Program Number

PERS: Sum of RTSS enlisted and officer personnel assigned to reserve unit.

ALLOW: Sum of officer and enlisted allowance.

All: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. press the More button for N more items.

More: Displays all items matching the selection criteria. If the total retrieved is very large, you may choose to press More repeatedly since there could be a delay in waiting for all matching items to be retrieved before any are displayed in the list box.

Print: Prints selected records in report format.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.2.4.2 Results Report

To access this screen

Database ➞ Update TPFDD ➞ Update TPFDD ➞ RESULTS ➞ TPFDD Report

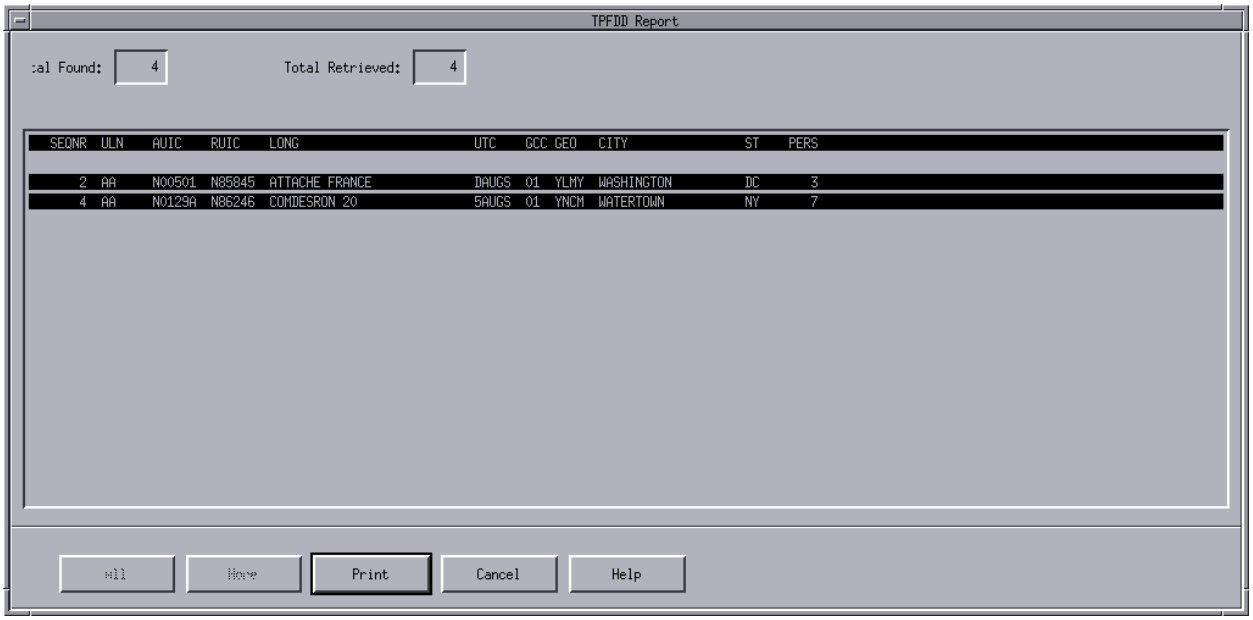

Figure 3-10: TPFDD Report

A report of TPFDD records which were updated appears in the Results Report. If personnel in the NRFL Database does not equal TUCHA personnel, the TPFDD FIC is changed as appropriate, and a report of updated TPFDD records appears in the report.

Data Field and Button Descriptions

Total Found: Number of Invalid GEOLOCs and Invalid UTCs satisfying search criteria.

Total Retrieved: Number of Invalid GEOLOCs and Invalid UTCs retrieved and displayed by this Error Report display screen.

SEQNR: Number of items in the TPFDD.

ULN: Unit Line Numbers.

RUIC: Reserve Unit Identification Code.

AUIC: Active Unit Identification Code.

LONG: Active Unit Identification Code (long form)

UTC: Unit Type Code

GCC (s): Gaining Command Code(s)

3 **EUR:** U.S. Naval Forces Europe

- **LANT:** U.S. Atlantic Fleet
- **PAC:** U.S. Pacific Fleet
- **CONUS:** Continental United States of America. All states except Alaska and Hawaii.
- **USMC:** U.S. Marine Corps

GEO: Geographic Location Code. A four character code which uniquely identifies geographic locations worldwide.

CITY: Origin City of unit in CINC-NRFL

ST: State

PERS: Sum of RTSS enlisted and officer personnel assigned to reserve unit.

All: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. press the More button for N more items.

More: Displays all items matching the selection criteria. If the total retrieved is very large, you may choose to press More repeatedly since there could be a delay in waiting for all matching items to be retrieved before any are displayed in the list box.

Print: Prints selected records in report format.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.3 Utilities Menu

3.3.1 Review CINC-NRFL Audit Log

To access this screen
Utilities ➞ Review CINC-NRFL Audit Log ➞ Review Audit Log

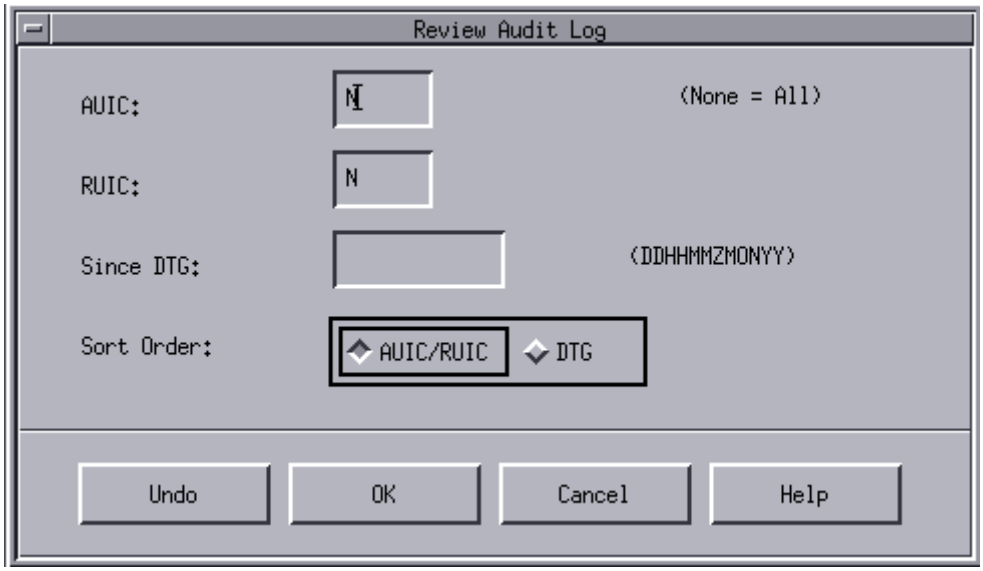

Figure 3-11: Review Audit Log

The CINC-NRFL Transactions Database contains a log of database transactions (i.e., records added, deleted, missing, overwritten), and errors on certain fields (i.e., fields invalid, missing).

This screen allows entering of specific values as selection criteria (i.e., AUIC, RUIC, Since DTG) on which to search the records of the NRFL Transactions Database.

Data Field and Button Descriptions

AUIC: Active Unit Identification Code.

RUIC: Reserve Unit Identification Code.

Since DTG (DDHHMMZMONYY): Transactions processed since the DTG entered.

Sort order:

- AUIC
- RUIC
- DTG

Undo: Returns a screen to its state before the last operation was performed.

OK: Proceed with Audit Log Sort/Query

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.3.1.1 Transaction Index

To access this screen

Utilities → Review CINC-NRFL Audit Log → Review Audit Log → OK → Transaction Index

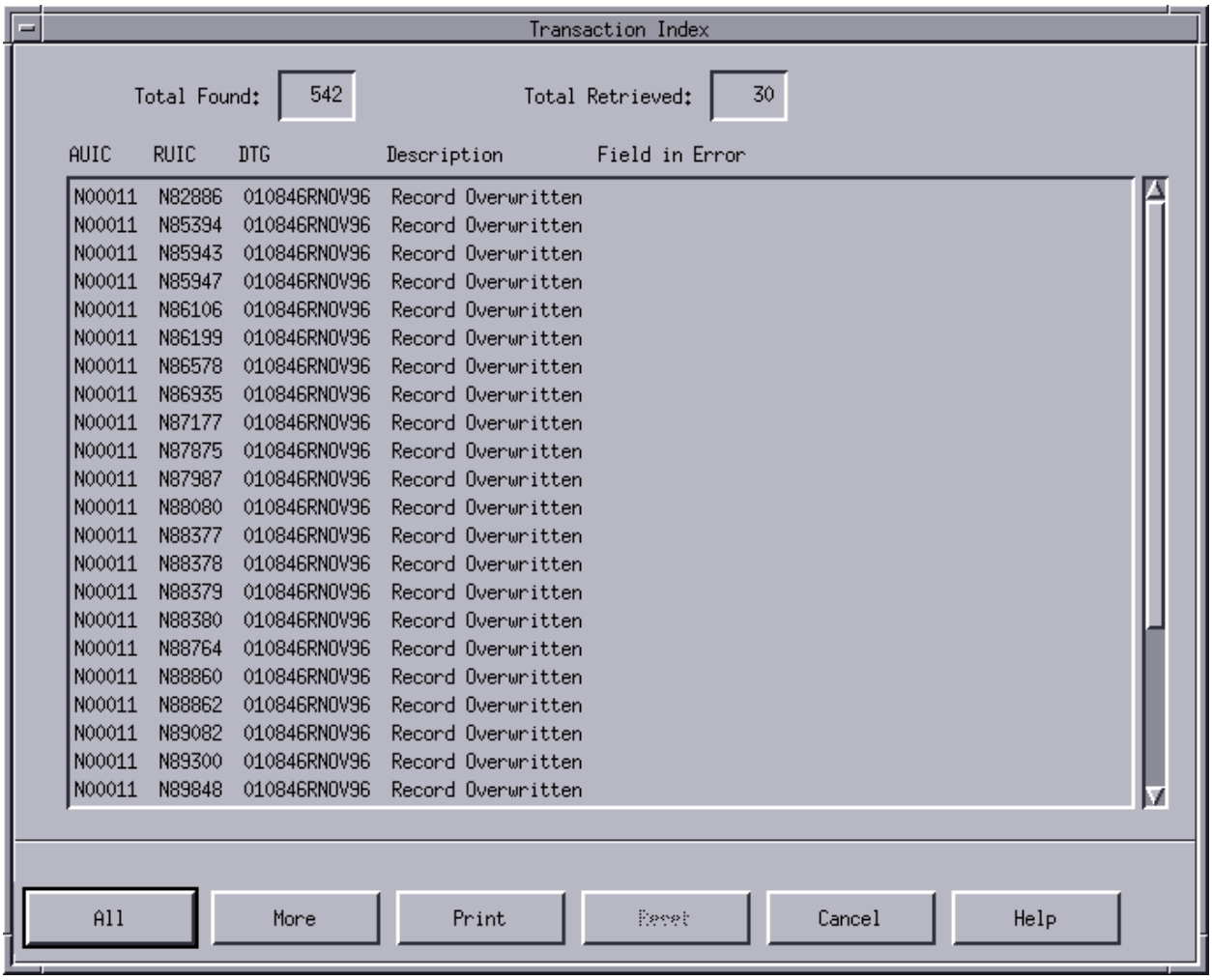

Figure 3-12: Transaction Index

Data Field and Button Descriptions

Total Found: Total number of records found matching the selection criteria.

Total Retrieved: Total number of records retrieved and displayed in the list box.

DTG: Date Time Group

AUIC: Active Unit Identification code

RUIC: Reserve Unit Identification Code

Description: Description of error (i.e., Field missing, Field invalid)

Field in Error:

- **POE:** Port of Embarkation
- **GCC:** Gaining Command Code
- **UTC:** Unit Type Code
- **ORIG GEOLOC:** Original Geographic Location Code
- **SELRES UNIT:** Select Reserves Unit

More: Displays all items matching the selection criteria. If the total retrieved is very large, you may choose to press More repeatedly since there could be a delay in waiting for all matching items to be retrieved before any are displayed in the list box.

All: Selection criteria entered on the previous screen resulted in the first N items being retrieved and displayed in the list box of the current screen. Initially only the first N items are displayed so that the user need not wait for all items matching the criteria to be retrieved before any are displayed in the list box. press the More button for N more items.

Print: Prints selected records in report format

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.3.2 Database Maintenance screen

To access this screen

Utilities → NRFL Database Maintenance → Database Maintenance Access → OK → Database Information

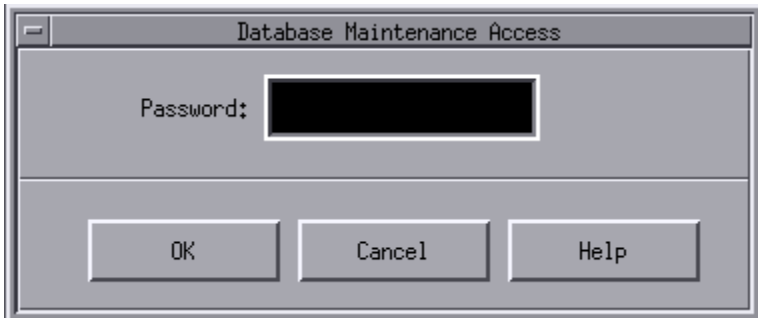

Figure 3-13: Database Maintenance Access

The Database Access screen provides pass protection for the Database Information screen. The Database Information screen and its functions are reserved for users identified as having System Administrative Access.

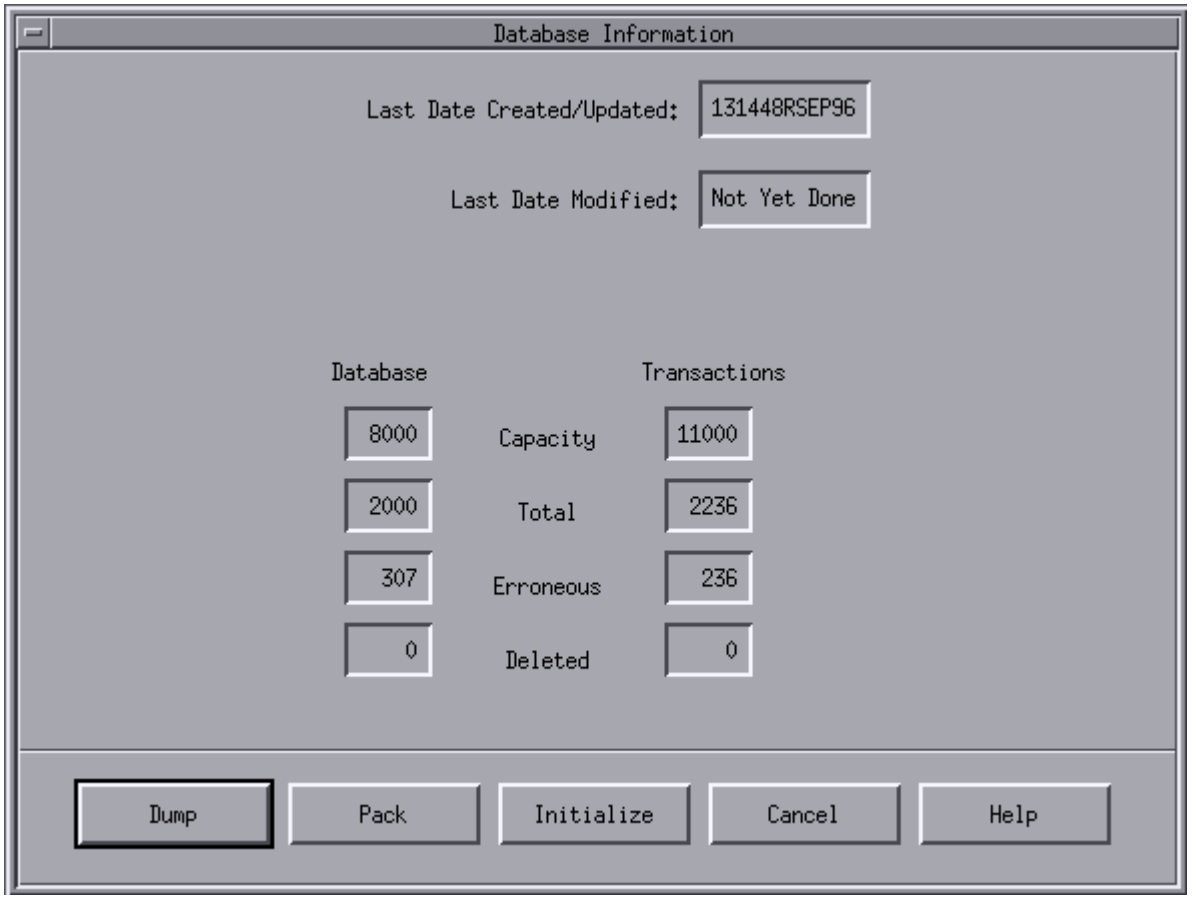

Figure 3-14: Database Information screen

The Database Information screen allows users to perform database administrative operations (i.e., Dump, Pack, Initialize). This screen displays several totals (Capacity, Total, Erroneous, Deleted) concerning the NRFL and NRFL Transaction Databases.

3.3.3 Change Password

To access this screen
Utilities → Change Password → Change Password screen

Figure 3-15: Change Password

The Change password screen is used for access to the Database Maintenance Screen.

The Change Password screen allows a person who knows the current RUDRS system password to change it.

- Enter the current Authorized Password (password will not echo).
- Enter the New Password
- If a mistake has been made; Select Undo and start over.
- To apply the password change Select Save

3.3.4 Update Destination File

To access this screen
Utilities ➞ Update Destination File ➞ Destination Index

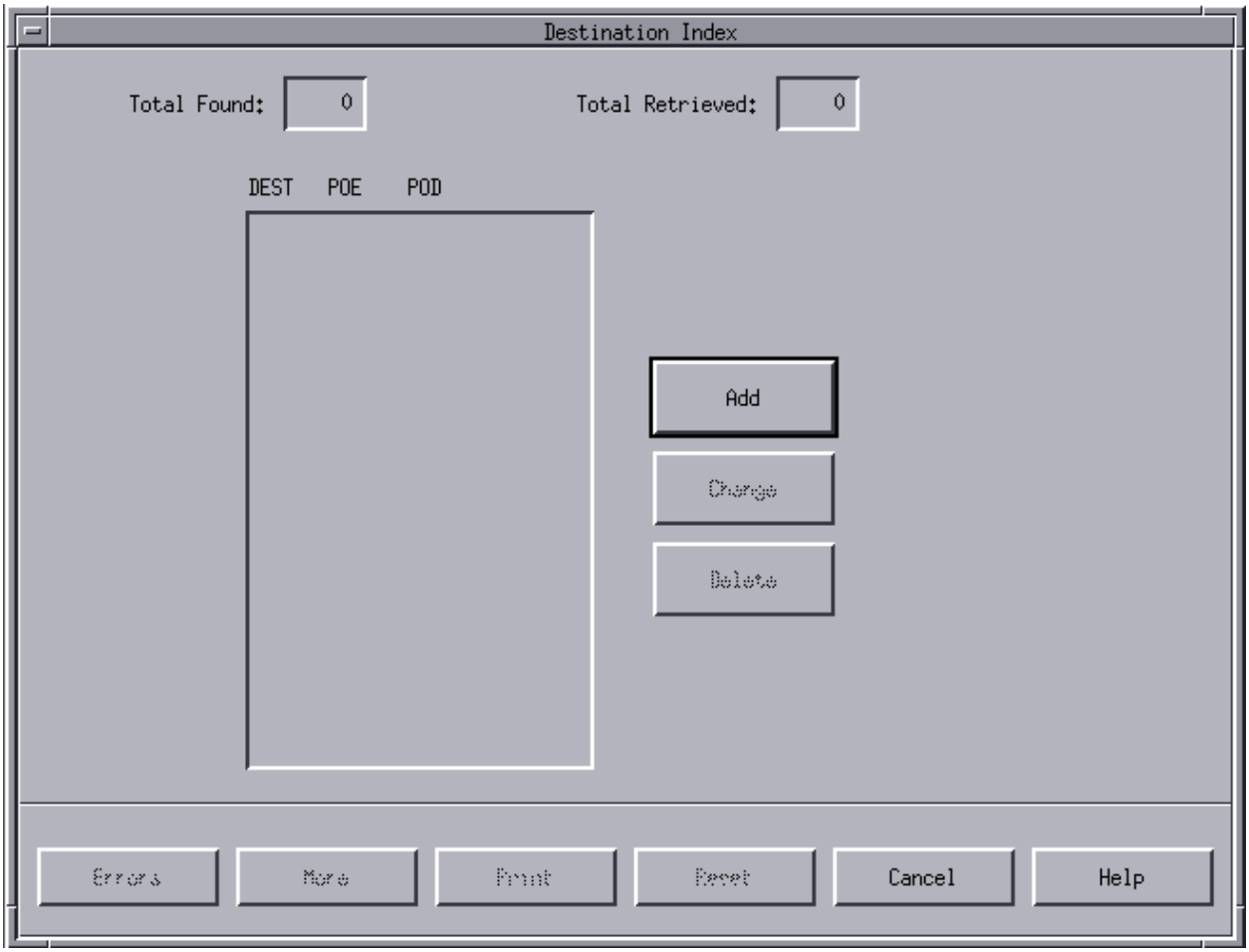

Figure 3-16: Destination Index

The Update destination file feature is used for creating non-CONUS TPFDDs. This screen allows adding, changing, and deleting of entries in the Destination Database. Each entry in this database associates an Active Unit location with a port of Embarkation, and a Port of Debarkation

To add entries to the Destination File Database press the Add button for the Add/Change Destinations Screen. To change entries, select entries displayed in the list box of the Destination Index screen. Then press the Change button for the Add/Change Screen. To Delete entries, select an entry, then press delete.

Data Field and Button Descriptions

Total Found: Total number of records found matching the selection criteria.

Total Retrieved: Total number of records retrieved and displayed in the list box.

DEST: The Geographic Location Code for the Destination.

POE: The Geographic Location code for the Port of Embarkation

POD: The Geographic Location Code for the Port of Debarkation.

Errors: Provides a list of geographic locations in the Destination Database that are no longer valid.

More: Displays all items matching the selection criteria. If the total retrieved is very large, you may choose to press More repeatedly since there could be a delay in waiting for all matching items to be retrieved before any are displayed in the list box.

Print: Prints selected records in report format

Reset: Clears all selections without leaving the current screen.

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

3.3.4.1 Add/Change Destination

To access this screen

Utilities ➞ Update Destination File ➞ Destination Index ➞ Add ➞ Add/Change Destinations

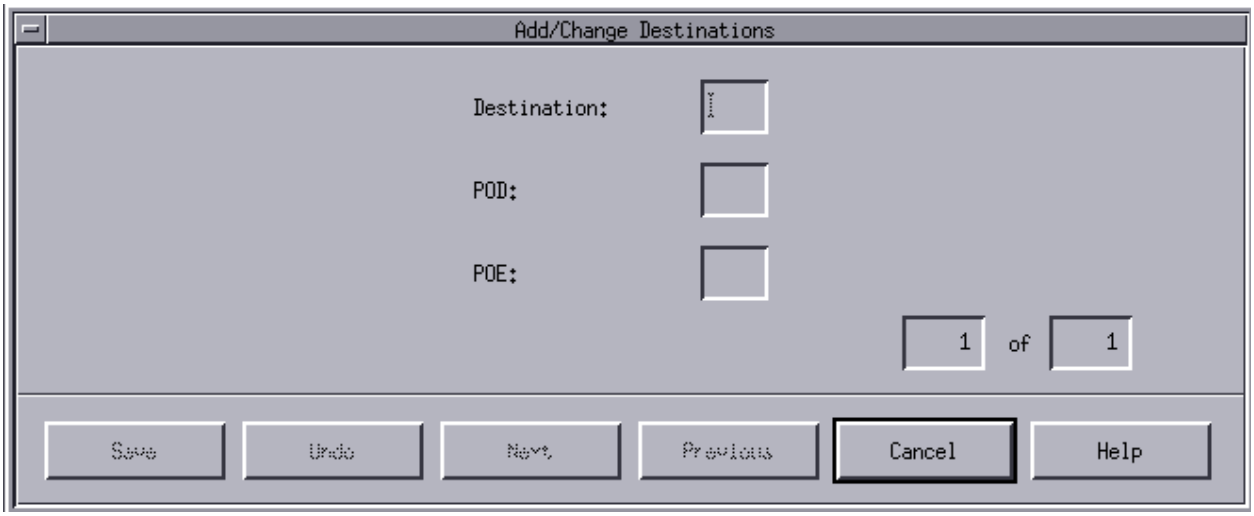

Figure 3-17: Add/Change Destinations

To add entries to the Destination File Database, fill in the blank fields, then press the Save button. Repeat this as many times as there are entries to be added. To change entries, edit the fields, then press the Save button

Data Field and Button Descriptions

DEST: The Geographic Location Code for the Destination.

POD: The Geographic Location Code for the Port of Debarkation.

POE: The Geographic Location code for the Port of Embarkation

N of N: Numbering of the records retrieved and displayed.

Undo: Returns a screen to its state before the last operation was performed.

Next: Steps forward through the items found that you want to have displayed

Previous: Steps backward through the items found that you want to have displayed

Cancel: Returns to the previous screen without performing any action. Screens may also be closed by (pointing and clicking) on the box located in the upper left hand corner of the current screen.

Help: Displays the help screen

4.0 Error Messages

Message	What To Do Next
STANDARD EXCEPTIONS	
An internal error (Constraint_Error) has occurred.	Contact your system administrator
An internal error (Numeric_Error) has occurred.	
An internal error (Program_Error) has occurred.	
An internal error (Storage_Error) has occurred.	
An internal error (Tasking_Error) has occurred.	
-- **IO EXCEPTIONS** --	
An internal error (Data_Error) has occurred.	Contact your system administrator
An internal error (Device_Error) has occurred.	
An internal error (End_Error) has occurred.	
An internal error (Layout_Error) has occurred.	
An internal error (Mode_Error) has occurred.	
The data file cannot be read or does not exist.	
An internal error (Status_Error) has occurred.	
File permissions are not set up correctly.	
-- **DATABASE EXCEPTIONS** --	
An internal error (Database_Already_Exists) has occurred in @.	Contact your system administrator
An internal error (Database_Does_Not_Exist) has occurred in @.	
An internal error (Database_Is_Closed) has occurred in @.	
An internal error (Database_Is_Open) has occurred in @.	
An internal error (Duplicate_Element) has occurred in @.	
An element is out of date in @.	Select reset and edit the element again
The element already exists in @.	Contact your system administrator
An internal error (Element_Too_Short) has occurred in @.	
Read access denied in @.	
Write access denied in @.	Change READ_ONLY in your config file.
Process has been aborted in @.	Continue normally
Another user has locked the resource you want in @.\Try again later.	Try again later
An internal error (Invalid_Name) has occurred in @.	Contact your system administrator
No elements match the query in @.	Informational message. No action necessary
Database overflow has occurred in @.	Increase Database Size in the Config File
Too many users are logged on to perform this operation in @.	Wait until you are the only user.

Message	What To Do Next
An internal error (Write_Before_Read) has occurred in @.	Contact your system administrator
-- **OTHER** --	
This operation may take up to @ minute@.\Are you sure you want to go through with it?	
At least one specified element has been deleted.	
A fatal error has occurred!	Contact your system administrator
No fields are currently flagged.\Resave to generate suggestions.	
Unable to suggest alternatives.	Informational message.
Password is incorrect. Please reenter.	Try again
Password must be at least @ printable characters.	Use a shorter password
Unknown Callback: Contact Maintenance Personnel.	Contact your system administrator
Operation is @% complete.	Informational message. No action necessary.
No elements in the database match the query.	
The database is empty.	
An internal error has occurred.	Contact your System Administrator
@ records were read.	Informational message. No action necessary.
The input data file is nonexistent or corrupt.	Contact your System Administrator.
No data has been found to display in the report.	Continue normally
The report is too long to be displayed.	Continue normally
Too many elements in the database match the query.\Please make your selection criteria narrower.	Either deselect some elements or press reset and select fewer elements.
No more than @ records can be selected.	
Unit Not In RTSS	Informational message. No action necessary.
RTSS/TPFDD UTCs Do Not Match	
No records could be extracted from the NRFL database.	Contact your System Administrator.
-- **SPAWN** --	
An error has occurred in the spawned job.	Contact your system administrator
The job has failed to spawn.	

5.0 NOTES

5.1 Glossary

AUIC The UIC of the active duty unit augmented by the Naval Reserve unit. The AUIC may be the same as the RUIC (reserve UIC), e.g., Reserve VP/VR squadrons. The active duty UIC is found in the service reserve force description in TPFDD records for reserve units, and in the UIC TPFDD element for active duty units. The AUIC is the primary record key element in the WWMCCS RTSS Database.

AUTH PERS Strength in TPFDD file. For TPFDD generated or updated using RTSS, this data element represents assigned strength of reserve unit. The sum of RTSS data elements ON-BD (OFF)-MAPMIS and ON-BD (ENL) MAPMIS is used to update this data element.

Cancel This activity refers to resetting the state of a mission, which was not used, to canceled. This state attribute has nothing to do with the persistence of the mission record; all mission records are retained in the database for a configurable number of months from the month in which they were scheduled to fly.

Delete This activity refers to marking a database record in a RUDRS database for removal.

Main Menu This is the first screen which is presented upon entering RUDRS. This screen has a variety of high level RUDRS functions from which to choose, as well as an option to terminate RUDRS.

Purge This activity refers to the physical removal of a database record from the database. Unlike deletion, the object is not simply marked for removal, but the memory it occupies is released. Once purged, there is no way to recover the lost information.

Query Screen This is a screen which provides the ability to make a database query to one of the databases. There are a variety of selection options on the query screens which indicate the number of database elements which are to be displayed.

RUIC This code is assigned to every Naval Reserve unit, and when combined with Active UIC (AUIC), is a unique identifier for a Naval Reserve unit. The RUIC is the second element in the RTSS database record key.

5.2 Acronyms

APOD	**Aerial Port of Debarkation**
APOE	**Aerial Port of Embarkation**
AUIC	**Active Unit Identification Code**
AUTH PERS	**Authorized Personnel**
CINCLANTFLT	**Commander in Chief, U.S. Atlantic Fleet**
CINCPACFLT	**Commander in Chief, U.S. Pacific Fleet**
CINCUSNAVEUR	**Commander in Chief, U.S. Naval Forces Europe**
CINC-NRFL	**Commander in Chief - Naval Reserve Force Library**
COE	**Common Operating Environment**
COMNAVRESFOR	**Commander, Naval Reserve Force**
CONUS	**Continental United States of America**
CSC	**Computer Software Component**
CSCI	**Computer Software Configuration Item**
DTG	**Date Time Group**
FLTCINCS	**Fleet Commanders in Chief**
GCC	**Gaining Command Code**
GCCS	**Global Command and Control System**
GEO CODE	**Geographic Location Code**
GEOFILE	**GEOLOC File**
GEO LOC	**Geographic Location Code**
JOPES	**Joint Operation Planning and Execution System**
NRFL	**Naval Reserve Force Library**
OM	**Operators Manual**
OPLAN	**Operations Plan**
PAX	**Personnel Requiring Nonorganic Transportation**
PERS	**Authorized Strength**
POD	**Port of Debarkation**
POE	**Port of Embarkation**
RPN	**Reserve Program Number**
RTSS	**Reserve Training Support System**
RUDRS	**Reserve Unit Data Resource System**
RUIC	**Reserve Unit Identification Code**
SELRES	**Select Reserves**
SUM	**Software User's Manual**
S&M	**Scheduling and Movement**
TPFDD	**Time -Phased Force Deployment Data**

A: System Administraion Functions

This section describes the typical System Administration functions for RUDRS. It includes information on adding a user, deleting a user, making configuration changes, and general trouble shooting. These are suggestions based on past installations. The RUDRS segment must be installed under GCCS v2.1 or later.

Adding a User

All users must be configured/added to the MASTER config file for RUDRS. This file is located in /h/RUDRS/data. Using "vi" or a similar editor, duplucate the entry RUDRS within MASTER and change the word RUDRS (upper-case) for each $USER. This modification must be performed for each RUDRS user. By default, the pathname associated with the $USER entry should not require modification unless the entire segment is relocated.

Users may be assigned individual configuration files. Any item added to the user's config file will override the corresponding item in the segment config file.

To permit NRFL and CINC-NRFL access, execute the following:

- cd /h/RUDRS/data/values
- cp config.FRONT config.<$USER>

Example: cp config.FRONT config.BILL

To restrict access to CINC-NRFL only, execute the following:

- cd /h/RUDRS/data/values
- cp config.BACK config.<$USER>

Example: cp config.BACK config>BILL

By default, config.FRONT is set to READ_WRITE and config.BACK is set to WRITE access.
To restrict config. $USER to read READ access only, change the config. $USER entry from FALSE to TRUE (upper-case) using "vi" or a similar editor.

Deleting a User

When an individual user or group of users no longer needs access to RUDRS, remove their individual config entry located in /h/RUDRS/data/values

Using "vi" or a similar editor, remove the $USER entry from the MASTER config file for RUDRS located in the $MASTER variable. This modification must be performed for each RUDRS user being removed.

MASTER File

The MASTER file tells the program being executed the locations of the config and message files for the project and the directory where the current user's LOG_INIT file is located. The location of UI setup files is also returned but is no longer used. (Note that at lease one space must follow the arrow, even if no location is specified.)

The MASTER file is comprised of three areas, labeled TRIGGERS, PROJECTS, and USERS. The first of these will be discussed last.

The PROJECTS area contains the following values for each project:

<project-name>_CONFIG - The path and name of the config file.
<project-name>_MESSAGE - The path and name of the message file.
<project-name>_UI - Not used at present.

The USERS area contains an entry for each user of the system, followed by the location of the LOG_INIT file ($RUDRS_SEGDAT). The location must end in a separator (e.g., '$RUDRS_SEGDAT/'). If no location is specified, it will be assumed that the LOG_INIT file is in the current directory.

The TRIGGERS area is comprised of two entries:

PROJECT
USER

If nothing follows these entries, the user will be prompted for the project name and the user id. If values are specified for these entries, the user will not be prompted, and the system will search the MASTER file for them. If a match is not found (whether the project name and user id are entered by the user or contained in the TRIGGERS area of the MASTER file), the error message, "Master Config File not in proper format" will be displayed.

The location of the MASTER file is specified by the $MASTER environment variable. This value must end in a separator (e.g., '/', '.', etc). If the MASTER file cannot be found or cannot be opened for some reason, the error message "Config File <$MASTER>MASTER could not be opened" will be displayed.

Config File

If the defaults are not satisfactory, have the site RUDRS user set initial data values in the /h/RUDRSDB/data/global/values/config file to the appropriate values.

To change these parameters, it will be necessary to edit the config file using a unix editor such as vi. RUDRS' config file contains all of the tunable parameters and their values. Users can edit any of the elements in the config file to suit their site's needs. The config file gets read and interpreted during system startup. Therefore, any changes to the file will not take effect until the next execution.

The following is a complete listing of the configurable parameters:

Configurable Parameters	Initial Values
BREAK	
BREAK_FILE	$RUDRS_GBLDAT_RUDRS/breaks
BREAK_FLAG	$RUDRS_HOME/break
BREAK_WAIT	5
-- **-- DATABASES** --	
DATABASE_DEBUGGING	FALSE
DATABASE_OWNER_NAME	RUDRS.
DATABASE_USER_NAME	/
DATABASE_USERS	2
DATABASE_WAIT	30
MAX_DATABASE_GETS	30
MAX_TIME_BETWEEN_SNAPSHOTS	5
SQL_QUERY_LENGTH	2048
-- **-- OLD DATABASES** --	
BACKGROUND_MODE	FALSE
DATABASE_CROSS_REFERENCE_TABLE_SUFFIX	all
DEBUGGING	FALSE
DIRECTORY_PREFIX	dir_
DUMP_FILE_PREFIX	txt_

Configurable Parameters	Initial Values
KEY_FILE_PREFIX	key_
KEY_FILE_DIRECTORY_SUFFIX	dir
SINGLE_USER_MODE	FALSE
SNAPSHOT_THRESHOLD	1
TOKEN_PREFIX	use_
TOKEN_TO_BE_HELD_IN_MEMORY	FALSE
VERSION_LIST_PREFIX	ver_
VIEW_PREFIX	view_
WAIT	2.0
WORKSPACE_PREFIX	tmp_
-- -- **CINC_NRFL** --	
CINC_NRFL_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
CINC_NRFL_DATABASE_FILE_NAME	$RUDRS_LOCDAT_CINC/cinc
CINC_NRFL_DATABASE_SIZE	8_000
--CINC_NRFL_KEYS_IN_MEMORY	TRUE FALSE FALSE TRUE TRUE TRUE FALSE FALSE TRUE TRUE FALSE
CINC_NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE
CINC_NRFL_KEYS_UNIQUE	TRUE
CINC_NRFL_NUMBERS_LAST	1
CINC_NRFL_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
CINC_NRFL_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	8_000
-- -- **DESTINATION** --	
DESTINATION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
DESTINATION_DATABASE_FILE_NAME	$RUDRS_LOCDAT_DEST/dest
DESTINATION_DATABASE_SIZE	5_000
DESTINATION_KEYS_IN_MEMORY	TRUE
DESTINATION_KEYS_UNIQUE	TRUE
DESTINATION_NUMBERS_LAST	1
DESTINATION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
DESTINATION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	5_000
-- -- **NRFL** --	
NRFL_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
NRFL_DATABASE_FILE_NAME	$RUDRS_GBLDAT_NRFL/nrfl
--NRFL_DATABASE_SIZE	20_000
NRFL_DATABASE_SIZE	8_000
--NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE FALSE FALSE FALSE

Configurable Parameters	Initial Values
NRFL_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE TRUE
NRFL_KEYS_UNIQUE	TRUE
NRFL_NUMBERS_LAST	1
NRFL_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
NRFL_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	8_000
-- **-- TRANSACTION** --	
TRANSACTION_DATABASE_SIZE	11_000
--TRANSACTION_KEYS_IN_MEMORY	TRUE TRUE FALSE FALSE
TRANSACTION_KEYS_IN_MEMORY	TRUE TRUE TRUE TRUE
TRANSACTION_NUMBERS_LAST	1
-- **-- CINC_NRFL TRANSACTION** --	
CINC_NRFL_TRANSACTION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
CINC_NRFL_TRANSACTION_DATABASE_FILE_NAME	$RUDRS_LOCDAT_CTRN/trans
CINC_NRFL_TRANSACTION_KEYS_UNIQUE	FALSE
CINC_NRFL_TRANSACTION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
CINC_NRFL_TRANSACTION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	10_000
-- **-- NRFL TRANSACTION** --	
NRFL_TRANSACTION_CROSS_REFERENCES_TO_BE_HELD_IN_MEMORY	TRUE
NRFL_TRANSACTION_DATABASE_FILE_NAME	$RUDRS_GBLDAT_NTRN/trans
NRFL_TRANSACTION_KEYS_UNIQUE	FALSE
NRFL_TRANSACTION_VERSION_LIST_ITEMS_TO_BE_HELD_IN_MEMORY	1
NRFL_TRANSACTION_VIEW_ITEMS_TO_BE_HELD_IN_MEMORY	10_000
-- **-- DEFAULTS** --	
CINC_NRFL_DEFAULT_REPORT	Active_Unit_Key
DEFAULT_COMMAND	CONUS
NRFL_DEFAULT_SORT_ORDER	FALSE FALSE FALSE FALSE FALSE FALSE FALSE TRUE TRUE FALSE FALSE FALSE
TRANSACTION_DEFAULT_SORT_ORDER	Active_Unit_Key
-- **-- ENUMERATIONS** --	
CLASSIFICATION	$REUSE_GBLDAT_ENUM/classification
COMMAND	$RUDRS_GBLDAT_ENUM/command
DESTINATION	$REUSE_GBLDAT_ENUM/destination

Configurable Parameters	Initial Values
DESTINATION_KEY	$RUDRS_GBLDAT_ENUM/destination_key
ERROR	$RUDRS_GBLDAT_ENUM/error
LUKASIEWICZEAN	$RUDRS_GBLDAT_ENUM/lukasiewiczean
NRFL_FIELD	$RUDRS_GBLDAT_ENUM/nrfl_field
NRFL_KEY	$RUDRS_GBLDAT_ENUM/nrfl_key
ORIENTATION	$REUSE_GBLDAT_ENUM/orientation
RUDRS_EXCEPTIONS	$RUDRS_GBLDAT_ENUM/rudrs_exceptions
TPFDD_FORCE_RECORD_FIELD	$RUDRS_GBLDAT_ENUM/tpfdd_force_record_field
TPFDD_IDENT_RECORD_FIELD	$RUDRS_GBLDAT_ENUM/tpfdd_ident_record_field
TRANSACTION	$RUDRS_GBLDAT_ENUM/transaction
TRANSACTION_FIELD	$RUDRS_GBLDAT_ENUM/transaction_field
TRANSACTION_KEY	$RUDRS_GBLDAT_ENUM/transaction_key
TRANSPORTATION_PROVIDER	$RUDRS_GBLDAT_ENUM/transportation_provider
U_S_STATE	$RUDRS_GBLDAT_ENUM/u_s_state
USER	$REUSE_GBLDAT_ENUM/user
-- **-- GEO TUCHA** --	
GEO_BUCKET_SIZE	8
GEO_FILE_IN	$RUDRS_GBLDAT_HASH/geo_code.lst
GEO_FILE_OUT	$RUDRS_GBLDAT_HASH/geo_file
GEO_HASH_TABLE	$RUDRS_GBLDAT_HASH/geo
GEO_TABLE_SIZE	13_000
GEO_TUCHA_EXECUTABLE	$RUDRS_SCRIPTS/geo_tucha
TUCHA_BUCKET_SIZE	2
TUCHA_FILE_IN	$RUDRS_GBLDAT_HASH/tucha_code.lst
TUCHA_FILE_OUT	$RUDRS_GBLDAT_HASH/tucha_file
TUCHA_HASH_TABLE	$RUDRS_GBLDAT_HASH/tucha
TUCHA_TABLE_SIZE	150
-- **-- GREP** --	
GREP_EXECUTABLE	$REUSE_SCRIPTS/rgrep
GREP_RESPONSE_FILE_NAME	$RUDRS_LOCDAT_GREP/results
-- **-- HELP** --	
ERROR_HELP	$RUDRS_HELP/Error_Message
HELP_FILE_PATH	$RUDRS_HELP/
-- **-- IO** --	
INPUT_BACK_EXECUTABLE	$RUDRS_SCRIPTS/input_back
INPUT_BACK_FILE_NAME	$RUDRS_LOCDAT_INOT/output
INPUT_FRONT_EXECUTABLE	$RUDRS_SCRIPTS/input_front
INPUT_FRONT_FILE_NAME	$RUDRS_LOCDAT_INOT/input
INPUT_STARTING_COLUMN	9
INPUT_STARTING_ROW	2
-- **-- LISTS**	

Configurable Parameters	Initial Values
--	
LIMITED_STRING_NAME	LIMST
LIMITED_STRING_SIZE	300
--	
-- MAINTENANCE	
--	
GET_LATEST_MODIFICATION	$RUDRS_SCRIPTS/import
MODIFICATION_RESPONSE_FILE	$RUDRS_SEGDAT_RUDRS/results
-- **-- PERFORMANCE** --	
LINES_PER_MINUTE	2_000
RECORDS_PER_MINUTE	1_500
-- **-- PASSWORDS** --	
MINIMUM_PASSWORD	4
PASSWORD_FILE_NAME	$RUDRS_SEGDAT_RUDRS/password
PASSWORD_LEVELS	1
-- **-- PRINTING** --	
DEFAULT_DESTINATION	PRINTER
DEFAULT_ORIENTATION	PORTRAIT
DEFAULT_PRINTER	local
LANDSCAPE_MINUS_MARGIN	25
LANDSCAPE_PAGE_LENGTH	47
MARGIN_WIDTHS	10
PORTRAIT_MINUS_MARGIN	0
PORTRAIT_PAGE_LENGTH	66
PRINT_EXECUTABLE	$REUSE_SCRIPTS/rrprint
PRINT_FILE_NAME	$RUDRS_LOCDAT_PRNT/file
PRINT_RESPONSE_FILE_NAME	$RUDRS_LOCDAT_PRNT/results
-- **-- REPORTS** --	
DESTINATION_ERRORS_NAME	$RUDRS_LOCDAT_DEST/dest_errors
READINESS_REPORT	$RUDRS_SEGDAT_RUDRS/readiness
-- **-- RUDRS** --	
BIT_BUCKET	$RUDRS_SEGDAT_RUDRS/null
COUNTER_FILE	$RUDRS_SEGDAT_RUDRS/counter
FIELDS_TO_CHECK	FALSE FALSE TRUE TRUE TRUE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE FALSE
GARBAGE_COLLECTION_THRESHOLD	1_000_000
HEAP_SIZE	5_000_000
LOCAL_TIME_ZONE	-5
MONITOR_INTERVAL	5

Configurable Parameters	Initial Values
PROJECT_RELEASE	RUDRS v2.0.8
REFRESH_TIME	60
SCRATCH_AREA	$RUDRS_SEGDAT_RUDRS/
SECONDS_TO_TIMEOUT	90
SECONDS_TO_TIMEOUT_EXTENDED	600
SECURITY_CLASSIFICATION	UNCLASSIFIED
-- **-- STRINGS** --	
CITY	$REUSE_GBLDAT_CHAR/upper_alpha
FILE_NAME	$REUSE_GBLDAT_CHAR/printable
FREE_TEXT	$REUSE_GBLDAT_CHAR/printable
FORCE_REQUIREMENT	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
LOCATION	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
MACHINE_ADDRESS	$REUSE_GBLDAT_CHAR/numeric_period
OPLAN_ID	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
RECORD_COUNT	$REUSE_GBLDAT_CHAR/numeric
PASSWORD	$REUSE_GBLDAT_CHAR/printable
PRINTER_NAME	$REUSE_GBLDAT_CHAR/alpha_numeric_slash
PROGRAM_NUMBER	$REUSE_GBLDAT_CHAR/numeric
READINESS	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
RESERVED_DATA	$REUSE_GBLDAT_CHAR/all
TPFDD_FORCE_RECORD	$REUSE_GBLDAT_CHAR/printable
TPFDD_IDENT_RECORD	$REUSE_GBLDAT_CHAR/printable
UNIT_ID	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
UNIT_NAME	$REUSE_GBLDAT_CHAR/upper_alpha_numeric_hyphen
UNIT_TYPE	$REUSE_GBLDAT_CHAR/upper_alpha_numeric
-- **-- TPFDD** --	
AUGMENT_CORRELATION_LISTING	$RUDRS_LOCDAT_TPFD/correlation_listing
AUGMENT_DUPLICATE_UIC_NAME	$RUDRS_LOCDAT_TPFD/duplicate_uic
AUGMENT_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/augment_errors
CREATE_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/create_errors
GET_TPFDD_EXECUTABLE	$RUDRS_SCRIPTS/get_tpfdd
INPUT_AUGMENT_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/in_augment
INPUT_UPDATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/inupdate
OUTPUT_CREATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/outcreate
OUTPUT_UPDATE_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/outupdate
OUTPUT_AUGMENT_TPFDD_NAME	$RUDRS_LOCDAT_TPFD/out_augment
PUT_TPFDD_EXECUTABLE	$RUDRS_SCRIPTS/put_tpfdd
UPDATE_ERRORS_NAME	$RUDRS_LOCDAT_TPFD/update_errors
UPDATE_MISSING_NAME	$RUDRS_LOCDAT_TPFD/missing_units
UPDATE_RESULTS_NAME	$RUDRS_LOCDAT_TPFD/update_results
-- **-- USER** --	
CONFIRMATION_ON	TRUE

Configurable Parameters	Initial Values
READ_ONLY	FALSE
REFRESH_QUERIES	FALSE

Change Password

To access this screen
Utilities ➞ Change Password ➞ Change Password screen

Figure 3-13: Change Password

The Change password screen is used for access to the Database Maintenance Screen.

The Change Password screen allows a person who knows the current RUDRS system password to change it.

- Enter the current Authorized Password (password will not echo).
- Enter the New Password
- If a mistake has been made; Select Undo and start over.
- To apply the password change Select Save

Database Maintenance

To access this screen
Utilities ➞ NRFL Database Maintenance ➞ Database Maintenance Access ➞ OK ➞ Database Information

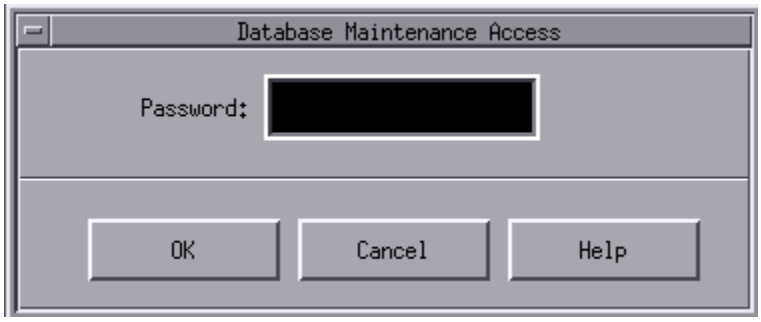

Figure 3-11: Database Maintenance Access

The Database Access screen provides pass protection for the Database Information screen. The Database Information screen and its functions are reserved for users identified as having System Administrative Access.

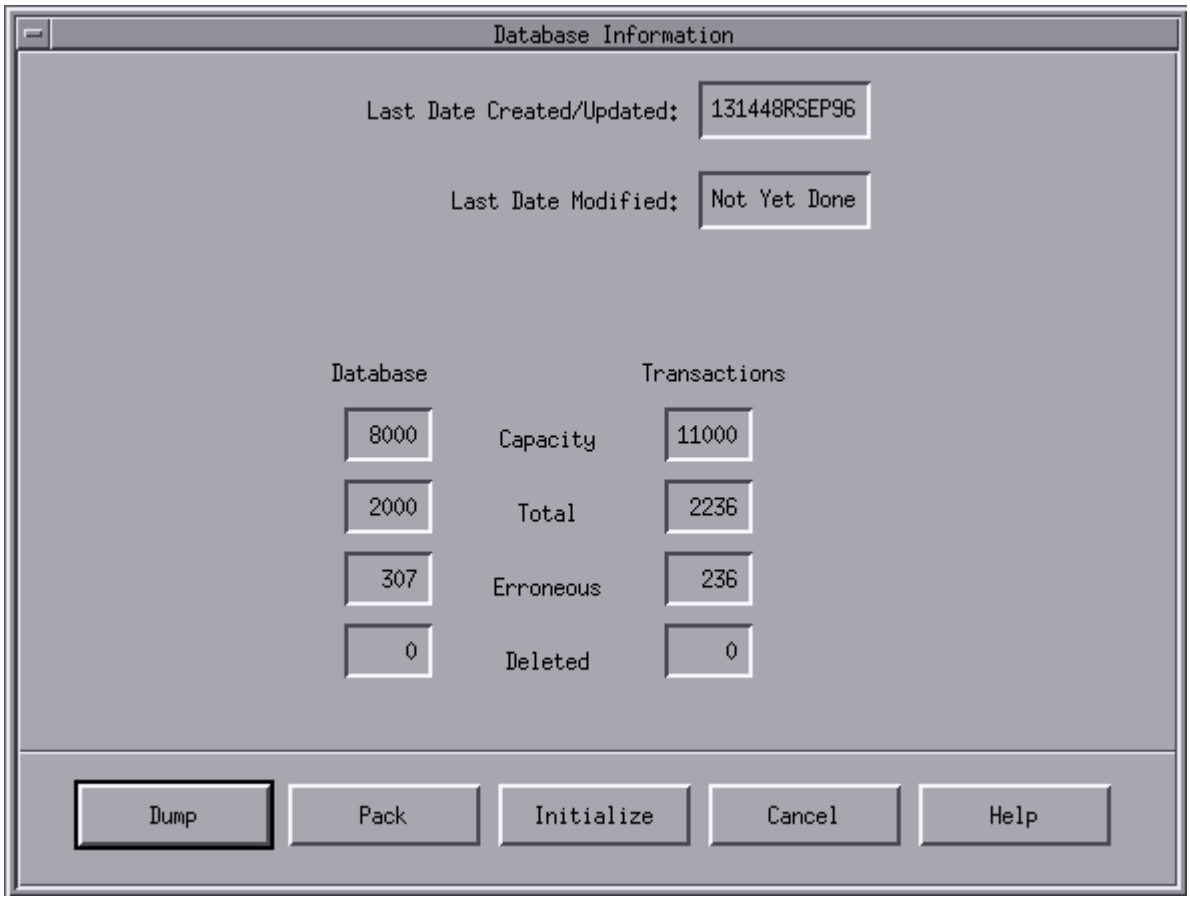

Figure 3-12: Database Information screen

The Database Information screen allows users to perform database administrative operations (i.e., Dump, Pack, Initialize). This screen displays several totals (Capacity, Total, Erroneous, Deleted) concerning the NRFL and NRFL Transaction Databases.

Information diplayed on this screen include:

NRFL & CINC-NRFL

- Capacity
- Total
- Erroneous
- Deleted

DatabaseNRFL & CINC-NRFL Transactions

- Capacity
- Total
- Erroneous
- Deleted

Data Field and Button Descriptions

Last Date Created/Updated: Date and time of last running of Create/Update NRFL &CINC-NRFL Database.

Last Date Modified:

Capacity: Maximum number of records (NRFL Database) and entries (Transaction Database).

Total: Transactions processed since the DTG displayed.

Erroneous: Number of records in error (NRFL Database) and error entries (Transaction Database)

Deleted: Number of deleted records.

****

Dump: Writes the raw form of the contents of the database to the "txt_*" file.

Pack: Physically removes all records marked as deleted from the database and recreates the key files.

Initialize: Will clear out all information in the database. The resulting size will be zero.

Trouble-Shooting

Software Problem Reporting

Software failures should be reported as soon as possible. Document the events of the failure as clearly as possible. Additional supporting information can be obtained from the RUDRS status window and from the $USER.history file located in /h/RUDRS/data/rudrs

The history file contains a log of information for a single RUDRS session. The histroy file is rewritten once RUDRS is statred again. This history file can be a wealth of information in the event of a software problem. Retain the file or rename the file to capture valuable information regarding a session. The history file is located in /h/RUDRS/data/rudrs/$USERS.history.

RRPRINT

Your RUDRS software was installed with a script call rrprint. Change this script to add your unique printer configuration. The script is located in /h/RUDRS/Scripts.

Permissions

Your software was installed in a least restrictive environment for the RUDRS software and data file. On occassion, your permission may become different that what was installed. The following permission structure is set in place when RUDRS is installed:

chmod -R 775 $RUDRS_GBLDAT
chmod -R 775 $RUDRS_LOCDAT
chgrp -R gccs $RUDRS_LOCDAT
chgrp -R gccs $RUDRS_GBLDAT

Verify that $USER is a member of the group gccs.

When RUDRS encounters non-routine operating conditions, power failures, power surges, etc, the data base will become corrupted. Oftern you can easily fix the anomoly by executing a cleanup script located in /h/RUDRS.scripts.

From the /h/RUDRS directory, type

./Scripts/cleanup

The screen will return with "no matches found"

from here you can return the GCCS RUDRS ICON or you can run RUDRS from an x-term